504296906 03/29/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4343587

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PHILIP D. NGUYEN	12/08/2014
JESSE CLAY HAMPTON	12/05/2014
DOUGLAS EVERETT WYATT	12/03/2014

### **RECEIVING PARTY DATA**

Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15515542

### **CORRESPONDENCE DATA**

**Fax Number:** (713)658-2553

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 7136581818

**Email:** esther.moron@chamberlainlaw.com

Correspondent Name: COLLIN A. ROSE

Address Line 1: 1200 SMITH ST., 14TH FLOOR
Address Line 2: CHAMBERLAIN HRDLICKA
Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	140846-061603US
NAME OF SUBMITTER:	ESTHER MORON
SIGNATURE:	/Esther Moron/
DATE SIGNED:	03/29/2017

#### **Total Attachments: 4**

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PATENT 504296906 REEL: 041789 FRAME: 0078

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PATENT REEL: 041789 FRAME: 0079

# ASSIGNMENT

In consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we the undersigned, Philip D. NGUYEN, Jesse Clay HAMPTON and Douglas Everett WYATT having made an invention in "ESTIMATING IN SITU STRESS FROM ACOUSTIC EMISSION SOURCE PARAMETERS" while in the employ of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 3000 North Sam Houston Parkway East, Houston, Texas 77032, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "ESTIMATING IN SITU STRESS FROM ACOUSTIC EMISSION SOURCE PARAMETERS":
- 2. International Application on said invention, Agent File Reference No. 14-094146, Serial No. PCT/US14/63447 filed 31 October 2014, entitled "ESTIMATING IN SITU STRESS FROM ACOUSTIC EMISSION SOURCE PARAMETERS":
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
- 4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world:
- 5. All substitutions for and divisions, continuations, continuationsin-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
- 7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents and like protection; and we covenant that we, our heirs,

PATENT REEL: 041789 FRAME: 0080 legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

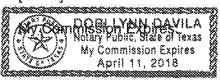
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of	<u> December</u>	. 20	1 <b>14.</b>		
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		Phi	lip D. NGUYEI	V )	
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COUN	ty of <u>Harr</u>	<u>5</u> §			

BEFORE ME, the undersigned authority, on this day personally appeared **Philip D. NGUYEN** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the

Notary Public

(SEAL)

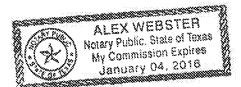


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EXECUTED at	County, Texas, on the day
of Deember	
	<i>, 1</i> .
	- 1/LA
	Jesse Clay HAMPTON
milan.	
STATE OF 1000	5 5
COUNTY OF HEST'S	3 §

BEFORE ME, the undersigned authority, on this day personally appeared **Jesse Clay HAMPTON** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the day of <u>\\\(\rightarrow\)\(\rig</u>



Notary Public

[SEAL]

My Commission Expires:

EXECUTED at Harris	County,	Texas, on	3/10	day
or Decendon	2014.			

Douglas Everett WYATT

STATE OF HANNIS

BEFORE ME, the undersigned authority, on this day personally appeared **Douglas Everett WYATT** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

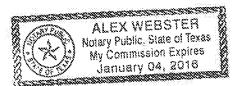
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the

Notary Public

11/45

[SEAL]

My Commission Expires



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